



Vocabulary

Adaptation: adjustments in an organism or its parts to help it live in its environment.

Aerobraking: The use of atmospheric drag to slow a spacecraft.

Atmosphere: The gaseous mass or envelope surrounding a celestial body, especially the one surrounding the earth, and retained by the celestial body's gravitational field.

Axis of rotation: The straight line, or imaginary, passing through a rotating body and is the line about which that body rotates.

Composition: the general makeup or characteristics of material such as rock or soil.

Deploy: To bring (forces or material) into action. To distribute (persons or forces) systematically or strategically.

Descent: The act or an instance of descending. A way down. A downward incline. or passage; a slope.

Eruption: the outflow of hot lava and other materials like ash from a volcano or crack in rock.

Escape velocity: the speed that any object must acquire in order to escape from a planet's gravitation.

Gravity: The natural force of attraction exerted by a celestial body, such as Earth, upon objects at or near its surface, tending to draw them toward the center of the body.

Habitat: the natural place where an organism lives, including the surrounding environment.

Kilometer: A metric unit of length equal to 1,000 meters (0.62 mile).

Payload: The total weight of passengers and cargo that an aircraft carries or can carry. The total weight of the instruments, crew, and life-support systems that a spacecraft carries or can carry. The passengers, crew, instruments, or equipment carried by an aircraft, spacecraft, or rocket.

Retro-rocket: A rocket engine used to retard, arrest, or reverse the motion of a vehicle, such as an aircraft, missile, or spacecraft. A small rocket engine on a larger rocket or spacecraft that is fired to slow or alter its course.

Simulation: Imitation or representation, as of a potential situation or in experimental testing. Representation of the operation or features of one process or system through the use of another: computer simulation of an in-flight emergency.

Stratigraphy: layers of rock, often as viewed sideways like a stack of pancakes.

Trajectory: the curving path of a spacecraft.

Name _____

Date _____

Mars Challenge Vocabulary

P	R	T	D	T	T	G	E	P	I	P	T	T	S	N	K	A	B	E	E	O	C	P	I	L
A	N	N	I	G	N	O	S	T	T	G	R	M	Y	A	D	O	T	B	A	S	N	R	R	A
R	M	S	A	R	I	G	O	T	V	R	S	O	I	U	R	T	L	I	A	P	N	E	P	O
E	C	N	I	M	I	P	R	E	R	I	A	M	T	L	E	D	E	L	E	E	N	A	N	O
O	T	K	I	M	R	T	T	A	S	A	N	J	O	T	A	L	E	I	I	T	Y	A	E	Y
T	L	O	D	I	U	P	T	Y	V	C	T	T	E	E	D	H	A	E	C	L	D	E	R	R
N	C	O	E	O	S	L	A	N	N	I	A	I	A	C	T	T	R	R	O	L	A	P	L	D
A	T	F	A	Y	A	T	A	A	V	Y	T	P	G	N	T	N	A	A	A	I	K	E	P	A
B	P	S	O	O	A	I	T	T	E	T	T	Y	E	R	O	O	D	T	O	A	T	D	N	A
D	R	A	R	N	N	Y	T	R	I	D	O	H	V	V	A	I	R	E	I	R	I	D	A	N
A	A	T	I	I	O	T	N	M	E	O	T	S	A	E	E	P	T	Y	D	B	U	S	T	X
B	L	Y	A	V	L	O	I	O	A	C	N	C	J	T	T	L	H	I	S	A	A	Y	D	R
T	E	I	O	A	X	L	G	O	I	O	R	T	A	K	P	N	O	Y	S	V	T	H	H	P
L	I	R	T	L	E	N	D	C	O	T	E	T	E	G	A	R	Y	C	N	O	A	O	T	S
P	R	O	E	E	P	S	R	B	T	K	A	T	M	I	N	E	E	A	I	E	P	E	P	A
S	P	A	A	N	C	E	R	E	C	B	I	T	I	K	N	I	I	P	R	T	R	M	A	Y
S	R	M	O	E	A	S	D	O	N	A	O	C	O	O	A	H	K	E	S	E	Y	R	O	E
T	I	P	E	L	I	B	R	P	Y	E	L	D	I	R	A	A	T	A	H	F	D	R	N	C
P	A	D	R	A	T	O	M	G	H	A	D	T	O	E	F	E	A	P	R	N	A	O	O	N
H	A	M	E	T	R	O	D	B	Y	E	A	O	R	R	M	O	S	T	E	B	I	T	T	O
T	L	I	R	T	A	P	A	O	S	T	T	O	T	O	C	O	S	A	L	T	O	E	E	I
O	N	I	E	T	T	I	M	C	P	E	I	R	L	T	M	R	E	I	P	O	I	R	E	R
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C	A	A	T	I	L	N	D	K	N	J	K	O	A	U	M	C	R	E	I	A	O	I	M	A
X	C	E	E	E	T	A	A	A	E	P	N	R	S	A	P	E	O	T	C	N	H	I	E	R

Adaptation

Aero braking

Atmosphere

Axis of Rotation

Composition

Deploy

Descent

Eruption

Escape Velocity

Gravity

Habitat

Kilometer

Payload

Retrorocket

Simulation

Stratigraphy

Trajectory

Word Scramble

Name _____

Digital Learning Network

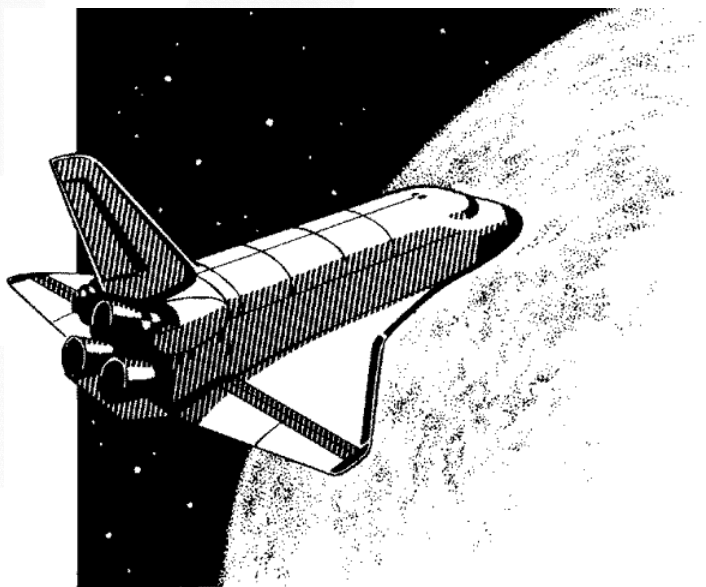
Date _____

Science

Mars Challenge Vocabulary

Unscramble the words below:

1. jeTorcatry _____
2. cke-rrRoteot _____
3. eeorilmtK _____
4. yiravtG _____
5. noipoCstiom _____
6. dottpainAa _____
7. tsDnece _____
8. rinkgeabAor _____
9. RfoinsAiatotox _____
10. pthatrgSaiyr _____
11. tiHtbaa _____
12. atEespoeVyelic _____
13. ayPaodl _____
14. onriputE _____
15. tuiaiolmnS _____
16. pelDoy _____
17. tpAhmreose _____



Word Scramble

Mars Challenge Vocabulary

Answers

1. jeTorcatry is Trajectory.
2. cke-rrRoteot is Retro-rocket .
3. eeorilmtK is Kilometer.
4. yiravtG is Gravity .
5. noipoCstiom is Composition.
6. dottpainAa is Adaptation.
7. tsDnece is Descent.
8. rinkgeabAor is Aerobraking.
9. RfoinsAiatotox is Axis of Rotation .
10. pthatrgSaiyr is Stratigraphy.
11. tiHtbaa is Habitat.
12. atEcspoeVyellic is Escape Velocity .
13. ayPaodl is Payload.
14. onriputE is Eruption.
15. tuiaiolmnS is Simulation.
16. pelDoy is Deploy.
17. tpAhmreose is Atmosphere.